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IMAGING FOR RESIDENTS

A 43-year-old Man with Radial-sided Wrist Pain

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Section 1—Quiz

A 43-year-old man complained of experiencing left radial-sided wrist pain for 9 months, which did not improve after physical therapy. He had pain and a snapping sensation during thumb movement. He went to an orthopedic clinic,

where a positive Finkelstein test was detected. He was referred to our department for an ultrasound examination. The longitudinal sonogram of the first dorsal wrist extensor compartment is presented in [Figure 1](#). The transverse view of the dorsal wrist is presented in [Figures 2A–2C](#). The Doppler image is presented in [Figure 3](#). What is your impression?

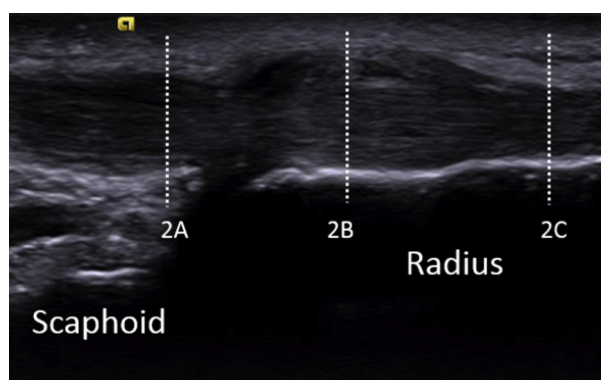


Figure 1 Longitudinal view of first dorsal wrist extensor compartment.

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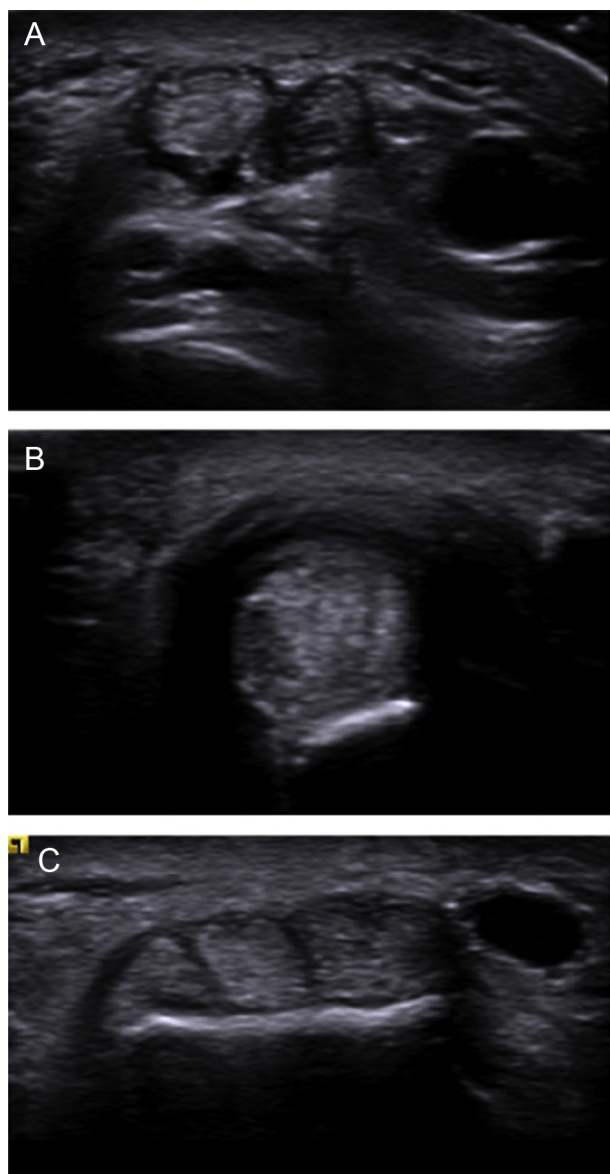


Figure 2 (A) Transverse view of first wrist extensor compartment distal to the retinaculum. (B) Transverse view of first wrist extensor compartment at the level of the retinaculum. (C) Transverse view of first wrist extensor compartment proximal to the retinaculum.

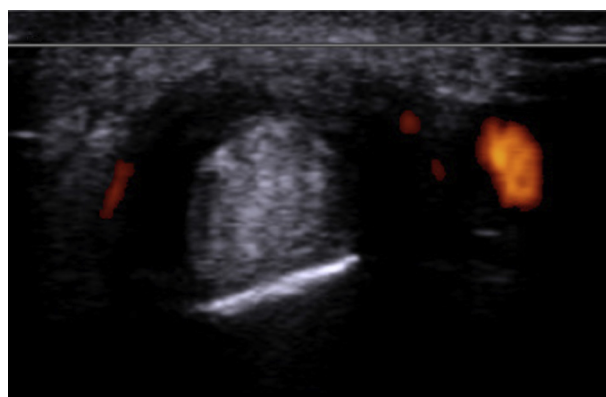


Figure 3 Transverse view of first dorsal wrist extensor compartment under power Doppler mode.